

## DPSS IR Lasers

### LSR1064-ML series

→ [LSR1064-M](#), [LSR1064-U](#)

- ✦ Miniature size
- ✦ Collimated straight beam
- ✦ Adjustable focus
- ✦ Easy use & maintenance free
- ✦ Longlife operation
- ✦ High efficiency
- ✦ High reliability



## Specifications

Model No.	LSR1064-ML-xxx
Wavelength	1064 nm
Spatial Mode	TEM <sub>00</sub>
Output Power	100, 200, ... 1000 mW
Operation Current	<2.20 A
Operation Mode	CW or Modulation
Linewidth	<0.1 nm
Polarization	Linear
Beam Spot Shape	Circular, aspect ratio<1.1:1
Pointing Stability	<0.05 mrad
Beam Diameter(1/e <sup>2</sup> )	1.5 mm
Beam Divergence	1.2 mrad
Power Stability*	<3% per 2 hrs
Temperature Stabilizing	TEC
Warm Up Time	<5 minutes
Beam Quality (M <sup>2</sup> )	<1.2
Optimum Operating Temperature	20~30°C
Storage Temperature	10~50°C
MTTF**	5,000 hrs
Dimensions	Dia.24x67 mm
Weight	60g

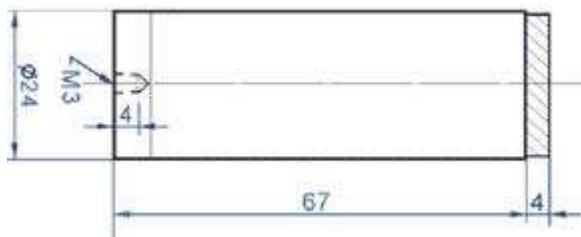
\*Enough heat sink should be mounted at the bottom to dispatch heat

\*\*MTTF(mean tim to failure) is based on the MTTF rating of 808nm laser diode from the laser diode manufacturer. Lasever Inc. offers one year warranty to the dpss lasers.

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## ML Series 1064nm

### Shell drawing



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